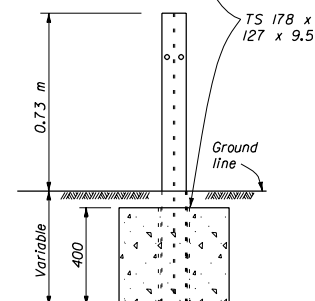
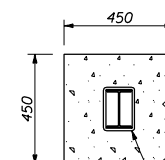


REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS

NOTE:

1. Dimensions not labeled are in millimeters.
2. Dimensional tolerances not shown or implied are intended to be those consistent with the proper functioning of the part, including its appearance, and accepted manufacturing practices.
3. Furnish hardware in the metric sizes shown. Equivalent imperial sizes may be used when metric sizes are not available.



Use 500 mm diameter round anchor or 450 mm square anchor. Reduced size acceptable in solid rock.

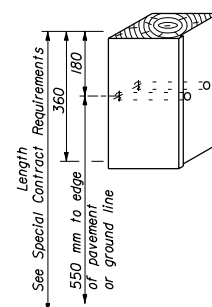
CONCRETE ANCHOR FOR SHORT GUARDRAIL POST

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION FEDERAL LANDS HIGHWAY OFFICE	
METRIC STANDARD	
G4 W BEAM GUARDRAIL STEEL POSTS	
STANDARD APPROVED FOR USE 03/96	STANDARD
REVISED: 12/98	M617-18

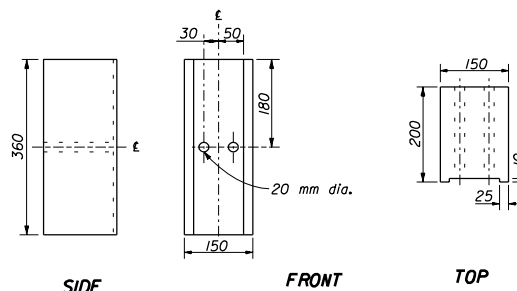
NO SCALE

20 mm dia. (typ.). Upper 2 holes for raising guardrail to accommodate future overlays.

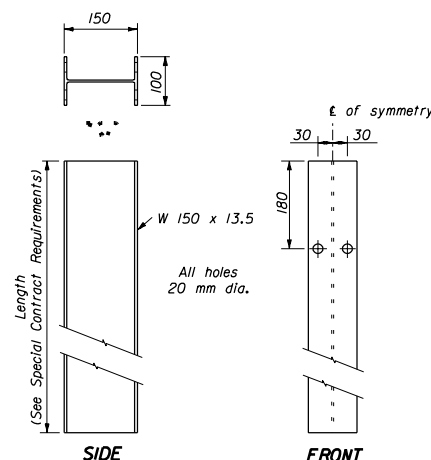
Post length stamp
35 mm high



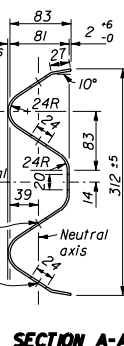
ALTERNATE HOLE ARRANGEMENT POST AND BLOCK DETAIL



WOOD BLOCK



STRUCTURAL SHAPE POST



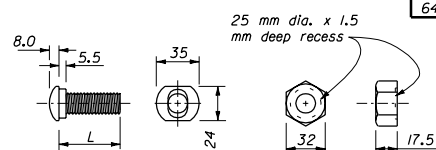
SECTION A-A

RAIL ELEMENT ELEVATION



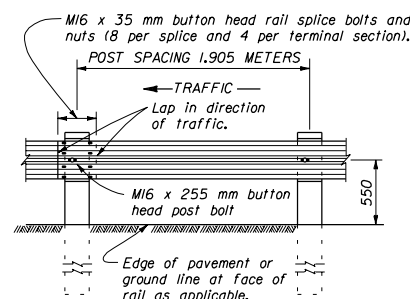
POST BOLT SLOT SPLICER BOLT SLOT W BEAM RAIL MEMBERS

L	Threaded Length
35	Full length
50	30 minimum
255	45 minimum
460	100 minimum
640	100 minimum

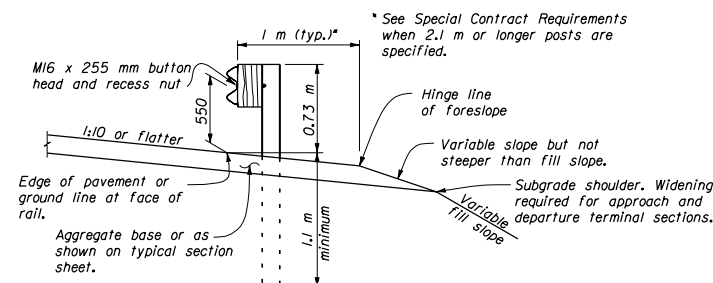


M16 BUTTON HEAD BOLT M16 RECESS NUT

BUTTON HEAD BOLT AND RECESS NUT



POST SPACING STANDARD POST SECTION



TYPICAL GUARDRAIL CROSS SECTION

M617-18.DGN

*****DGN SPEC*****

*****SYTIME*****